

Title (en)

Decomplexing metallic cations from metallo-organic compounds

Title (de)

Dekomplexierung Metallischer Kationen Metallorganischer Verbindungen

Title (fr)

Decomplexation des cations métalliques contenues dans composés organométallique

Publication

EP 1674157 A1 20060628 (EN)

Application

EP 04078484 A 20041222

Priority

EP 04078484 A 20041222

Abstract (en)

The invention is directed to a process for liberating metallic cations from metallo-organic compounds, said process comprising contacting an aqueous solution of the metallo-organic compound with an oxidising agent, thereby oxidising the organic component and obtaining the free cation.

IPC 8 full level

B01J 29/88 (2006.01); **B01D 53/86** (2006.01); **B01J 37/30** (2006.01)

CPC (source: EP)

B01D 53/8628 (2013.01); **B01J 29/68** (2013.01); **B01J 37/30** (2013.01); **B01D 2255/20738** (2013.01); **B01D 2257/402** (2013.01);
B01J 37/0203 (2013.01); **B01J 37/12** (2013.01); **B01J 2229/186** (2013.01); **Y02C 20/10** (2013.01)

Citation (search report)

- [AD] WO 9934904 A1 19990715 - JOHNSON MATTHEY PLC [GB], et al
- [A] EP 1314476 A1 20030528 - UNIV DELFT TECH [NL]
- [A] PIETERSE, J.A.Z. ET AL.: "Evaluation of Fe-zeolite catalysts prepared by different methods for the decomposition of N₂O", APPL. CATAL. B, vol. 51, 24 April 2004 (2004-04-24), pages 215 - 228, XP002330137

Cited by

CN114515566A; CN115634692A; EP1918016A1; CN108296257A; CN115318332A; CN116040782A; WO2008049557A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1674157 A1 20060628

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